UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/343,758	06/30/1999	DIMITRI KANEVSKY	Y09-99-183	8306

33233	7590	04/01/2004

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EXAMINER
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ART UNIT	PAPER NUMBER
2173	

DATE MAILED: 04/01/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *15 January 2004*.
2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-5,7-21 and 23-25* is/are pending in the application.
    4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) *1-5, 7-21, 23-25* is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a)☐ All b)☐ Some * c)☐ None of:
      1.☐ Certified copies of the priority documents have been received.
      2.☐ Certified copies of the priority documents have been received in Application No. _____.
      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
        application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .
5)☐ Notice of Informal Patent Application (PTO-152)
6)☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

2.   Claims 1-5, 7-21, and 23-25 is rejected under 35 U.S.C. 102(a) as being

anticipated by James ("James", Netscape Navigator 3.0).

Regarding claims 1, 14, 19, 24, and 25, James teaches a method of transferring

data across a computer network which comprise setting data transfer constraints (Auto

Load Images, Figure 8-15), requesting transfer of data (including image and sound data

(page 357) stored on a remote computer system (inherent, page 360), storing a plurality

of generic objects (placeholders), each stored generic object corresponding to an

original object in data requested (placeholder for each image), identifying at least one

object (image) included in said requested data as being associated with a generic object

(placeholder, Fig. 8-16), wherein each said at least one object is a species object of its

associated said generic object (included image has specific characteristics (such as

particular image location and size) of the place holder in Fig. 8-16, therefore, included

image is reasonably interpreted as a species object of its placeholder) and substituting

a corresponding said generic object for each of said at least one object, said substituted

corresponding generic objects being transferred with said data before associated

objects (page 361, line 3), outputting said requested data including said generic objects

(Fig. 8-16) or corresponding original objects (page 361, Fig. 8-16).

Regarding claim 17, James teaches a method of compressing digital images,

comprising the steps of identifying name, position, and characteristics of objects in a

digital image and identifying names of identified objects (download a picture, page 352),

substituting identified objects for generic objects (document templates), position data

and characteristics to form a modified digital image (replace images with placeholders,

Fig. 8-16) wherein each said at least one object is a species object of its associated

said generic object (included image has specific characteristics (such as particular

image location and size) of the place holder in Fig. 8-16, therefore, included image is

reasonably interpreted as a species object of its placeholder) and displaying the

modified image (page 359, last paragraph).

Regarding claim 18, James teaches a method for restoring a compressed image

comprising the identifying generic objects (placeholder icons) in received image data;

identifying corresponding objects (image) in subsequently received data (Fig. 8-16,

page 359, last paragraph) wherein each said at least one object is a species object of

its associated said generic object (included image has specific characteristics (such as

particular image location and size) of the place holder in Fig. 8-16, therefore, included

image is reasonably interpreted as a species object of its placeholder); substituting said

identified generic objects in said received image data for said corresponding objects to

form an uncompressed image and displaying said uncompressed image (page 361, line

3).

Regarding claim 2, James teaches said stored data includes image and sound data (page 337).

Regarding claim 3, James teaches the displaying compressed web browser image (page 360).

Regarding claim 4, James teaches that the remote computer system identifies generic objects (inherent).

Regarding claims 5, 13, and 21, James teaches that while the web browser image is being displayed, the remote computer system is transferring generic object codes associated with related images (page 359, last paragraph).

Regarding claim 15, James teaches that the outputting means is a video display (page 337).

Regarding claim 16, James teaches that the interface device is a speaker (page 337).

Regarding claim 20, James teaches a database with a plurality of generic objects (placeholder).

Regarding claims 7 and 23, James teaches the transferring requested object while a corresponding generic object is being displayed and when said requested object is received, replacing and displaying each corresponding generic object with each said requested object (page 359-361).

Regarding claims 8-12, James teaches specific types of constraints (page 359-361).

3.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kieu D. Vu whose telephone number is (703-605-1232). The examiner can normally be reached on Mon – Thu from 7:00AM to 3:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca, can be reached on (703- 308-3116).

The fax phone numbers for the organization where this application or proceeding is assigned are as follows:
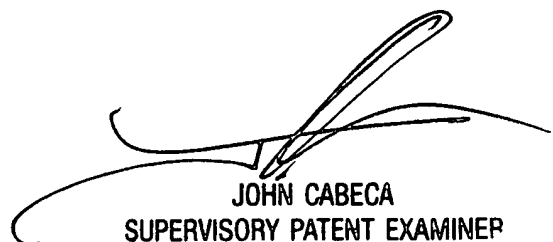
(703)-872-9306

and / or:

(703)-746-5639   (use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper / amendment be faxed directly to them on occasions)

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703-305-3900).

Kieu D. Vu

03/22/04

JOHN CABECA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100